

What is claimed is:

1. A slide fastener with a separable bottom end stop in which fastener elements are attached to opposing side edges of a pair of fastener tapes, comprising the separable bottom end stop made of synthetic resin which is attached to the side edge of the fastener tape at an end portion of the fastener elements, and a reinforcement portion provided integrally with the separable bottom end stop extended toward at least one face of the fastener tape, the reinforcement portions being formed of plural ribs connected to the separable bottom end stop,

wherein the ribs are formed at a sewing position to an sewing object such that its height H is 0.5 to 0.85 mm and its width W is 0.6 to 0.9 mm and that they are expanded gradually from a vertex to a base portion and there is provided a gap portion wider than the base portion of the rib between the ribs.

2. The slide fastener with the separable bottom end stop according to claim 1, wherein the rib at the sewing position in the reinforcement portion has a chamfering portion whose vertex is chamfered.

3. The slide fastener with the separable bottom end stop according to claim 2, wherein the chamfering portion of the rib is formed into an arc-like configuration having a radius r of 0.05 to 0.1 mm in a sectional shape.

4. The slide fastener with the separable bottom end stop according to claim 1, wherein a size S of the gap portion between

the adjacent ribs at the sewing position in the reinforcement portion is 2.0 to 2.5 mm while the ribs are disposed in parallel in a width direction of the fastener tape.

5. The slide fastener with the separable bottom stop end according to claim 1, wherein an inclination angle of the rib on the base portion at the sewing position in the reinforcement portion is indicated by $\tan\theta = H/(W/2)$ while $\tan\theta$ satisfies $1.1 \leq \tan\theta \leq 2.9$.

6. The slide fastener with the separable bottom end stop according to claim 5, wherein the inclination angle θ is in a range of 55° to 70° .

7. The slide fastener with the separable bottom end stop according to claim 1, wherein the ribs at the sewing position in the reinforcement portion are disposed through an auxiliary member provided on the side face of the separable bottom end stop.

8. The slide fastener with the separable bottom end stop according to claim 1, wherein the ribs at the sewing position in the reinforcement portion are disposed directly on the side face of the separable bottom end stop.

9. The slide fastener with the separable bottom end stop according to claim 1, wherein the ribs at the sewing position in the reinforcement portion are disposed symmetrically on both front and rear faces of the fastener tape.